

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

5   Claims 1-8 (cancelled)

Claim 9 (original) A method of fluoride-containing wastewater treatment, comprising:  
    performing a primary fluoric ion concentration detection process upon wastewater,  
        the primary fluoric ion concentration detection process comprising:  
10   providing a buffer solution having a stable pH value;  
        adding a fixed amount of the wastewater into the buffer solution;  
        detecting a fluoric ion concentration in the buffer solution; and  
        estimating the amount of fluoride contained in the wastewater;  
        introducing the wastewater into a first reaction tank, and performing a primary  
15   calcium salt addition process to add calcium salt into the first reaction tank so that  
        fluoride ions contained in the wastewater react with the calcium salt and form  
        calcium fluoride, a dosage of the calcium salt added in the primary calcium salt  
        addition process being determined according to the fluoric ion concentration  
        detected in the primary fluoric ion concentration detection process;  
20   introducing the wastewater and the calcium fluoride into a second reaction tank, and  
        performing a secondary calcium salt addition process to add calcium salt into the  
        second reaction tank so that fluoride ions remaining in the wastewater react with  
        the calcium salt and form calcium fluoride;  
        performing a solid-liquid separation process to separate the calcium fluoride from  
25   the wastewater;  
        performing a secondary fluoric ion concentration detection process upon the  
        wastewater after the calcium fluoride is separated; and

adjusting a dosage of the calcium salt added in the secondary calcium salt addition process according to a fluoric ion concentration detected in the secondary fluoric ion concentration detection process.

5      Claim 10 (original) The method of claim 9, wherein the calcium salt added in the primary calcium salt addition process and in the secondary calcium salt addition process comprises calcium chloride and calcium hydroxide.

10     Claim 11 (original) The method of claim 10, wherein the first reaction tank is maintained in an acidic condition.

Claim 12 (original) The method of claim 9, further comprising performing a neutralization process after the secondary calcium salt addition process is performed.

15     Claim 13 (currently amended) The method of claim 9, wherein the solid-liquid separation process comprises:

introducing the wastewater and the calcium fluoride in the second reaction tank into a rapid mixing tank, and adding flocculants into the rapid mixing tank to form calcium fluoride flocs;

20     delivering the wastewater and the calcium fluoride flocs from the rapid mixing tank to a slow mixing tank, and adding polymer chemicals ~~medieaments~~ to develop the calcium fluoride flocs; and

25     delivering the wastewater and the calcium fluoride flocs from the slow mixing tank to a setting settling tank so that the wastewater and the calcium fluoride flocs are separated due to different specific gravities.

Claim 14 (original) The method of claim 13, wherein the flocculants comprise poly aluminum chloride (PAC).

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Claim 15 (original) The method of claim 13, further comprising performing a concentration process after the wastewater and the calcium fluoride flocs are separated.